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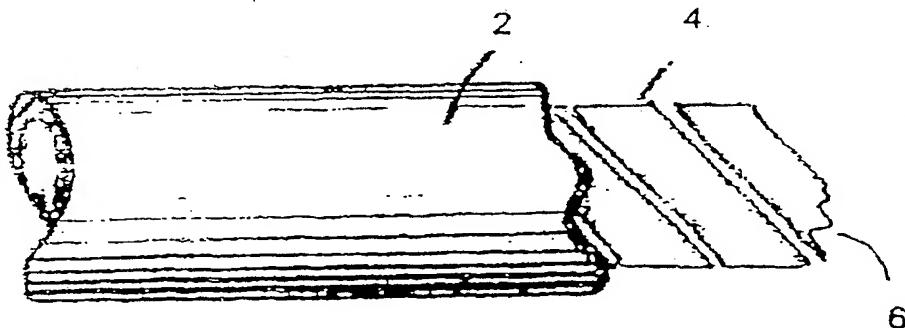
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(54) Title: POLYMERIC STENTS AND OTHER SURGICAL ARTICLES



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**(57) Abstract:** A biocompatible non-memory expandable polymeric article selected from stents, implantable prostheses, catheters, other surgical articles and sealants for implantable prostheses, and which is at least in part biodegradable and includes a combination where hollow cylindrical element (2) is depicted in cutaway form to reveal helical element (4), terminated schematically at (6) and where a combination of at least one thermoplastic elastomeric component and at least one thermoplastic non-elastomeric component, the article being either porous articles or having the potential to become porous by action of body fluids *in situ*), the thermoplastic non-elastomeric component being present in such an amount as will provide mechanical strength and rigidity to the article when in an expanded mode.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL01/00579

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : A61F 2/06

US CL : 623/1.15, 1.38-1.54

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 623/1.15, 1.38-1.54

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EAST

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,554,147 A (BATICH et al.) 10 September 1996, col. 5-14.	1-11
A	US 5,603,722 A (PHAN et al.) 18 February 1997, col. 3-6.	1-11

Further documents are listed in the continuation of Box C.

See patent family annex.

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